

METHOD AND APPARATUS FOR DIRECTLY COOLING HOLLOW CONDUCTOR WOUND TRANSVERSE GRADIENT COIL BOARDS

Abstract

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\BP0309.DOCMRI operates by passing current through gradient coils to create a magnetic field. Creation of the magnetic field requires a relatively high current which causes a large heat build up within the MRI, especially in the patient space. The present invention provides for a hollow conductor through which a coolant can be passed directly during the application of current.